

In the Specification:

Replace the paragraph at Col. 1, lines 11-18 with the following:

This invention relates to communications protocols and to digital data communications. Still more particularly, the invention relates to data communications protocols in mediums such as radio communication or the like. The invention also relates to radio frequency identification devices for inventory control, object monitoring, determining the existence, location or movement of objects, or for remote automated payment.

Replace the paragraph at Col. 2, lines 50-55 with the following:

An electronic identification system which can be used as a radio frequency identification device, arbitration schemes, and various applications for such devices are described in detail in commonly assigned U.S. patent application Ser. No. 08/705,043, filed Aug. 29, 1996, now U.S. Patent No. 6,130,602, which is [and] incorporated herein by reference.

Replace the paragraph at Col. 4, lines 1-14 with the following:

FIG. 1 illustrates a wireless identification device 12 in accordance with one embodiment of the invention. In the illustrated embodiment, the wireless identification device is a radio frequency data communication device 12, and includes RFID circuitry 16. The device 12 further includes at least one antenna

14 connected to the circuitry 16 for wireless or radio frequency transmission and reception by the circuitry 16. In the illustrated embodiment, the RFID circuitry is defined by an integrated circuit as described in the above-incorporated patent application Ser. No. 08/705,043, filed Aug. 29, 1996, now U.S. Patent No. 6,130,602. Other embodiments are possible. A power source or supply 18 is connected to the integrated circuit 16 to supply power to the integrated circuit 16. In one embodiment, the power source 18 comprises a battery.

Replace the paragraph at Col. 4, lines 15-22 with the following:

The device 12 transmits and receives radio frequency communications to and from an interrogator 26. An exemplary interrogator is described in commonly assigned U.S. patent application Ser. No. 08/907,689, filed Aug. 8, 1997, now U.S. Patent No. 6,289,209, which is [and] incorporated herein by reference. Preferably, the interrogator 26 includes an antenna 28, as well as dedicated transmitting (e.g., modulator) and receiving circuitry, similar to that implemented on the integrated circuit 16.

Replace the paragraph at Col. 4, lines 42-47 with the following:

The radio frequency data communication device 12 can be included in any appropriate housing or packaging. Various methods of manufacturing housings are described in commonly assigned U.S. patent application Ser. No.

08/800,037, filed Feb. 13, 1997, now U.S. Patent No. 5,988,510, which is [and]
incorporated herein by reference.

Replace the paragraph at Col. 5, lines 7-12 with the following:

The circuitry 16 further includes a backscatter transistor and is configured to provide a responsive signal to the interrogator 26 by radio frequency. More particularly, the circuitry 16 includes a transmitter, a receiver, and memory such as is described in U.S. patent application Ser. No. 08/705,043, now U.S. Patent No. 6,130,602.

Replace the paragraph at Col. 8, lines 25-33 with the following:

The symbol "<<" represents a bitwise left shift. "<<" means shift left by one place. Thus, 0001<<1 would be 0010. Note, however, that AMASK is originally called with a value of zero, and 0000<<1 is still 0000. Therefore, for the first recursive call, $AMASK = (AMASK << 1) + 1$. So for the first recursive call, the value of AMASK is $0000 + 0001 = 0001$. For the second call, $AMASK = (0001 << 1) + 1 = 0010 + 1 = 0011$. For the third recursive call, $AMASK = (0011 << 1) + 1 = 0110 + 1 = 0111$.

Replace the paragraph at Col. 11, lines 41-46 with the following:

Aloha methods are described in [a] commonly assigned patent application [naming Clifton W. Wood, Jr. as an inventor, U.S. patent application] Ser. No. 09/026,248, filed Feb. 19, 1998, [titled "Method of Addressing Messages and Communications System," filed concurrently herewith, and] , now U.S. Patent No. 6,275,476, which is incorporated herein by reference.